Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

WHAT IS THE GHS

• GHS is:

- A Global Harmonized System of Classification and Labeling of Chemicals
- Globally Harmonized criteria for classifying substances and mixtures according to their health, environmental and physical hazards
- Globally Harmonized communicating elements including labels and safety data sheets.

- Material Safety Data Sheet (MSDS) will now be Safety Data Sheet (SDS)
- Changes to the SDS are anticipated to make reading and understanding of the SDS easier.
- Label changes will give more information.
- Label information will including first aid information.

• SDS will have 16 sections (vs. OSHA's current 9)

1.	Product and Company Information	9.	Physical and Chemical properties
2.	Hazards identification	10.	Stability and Reactivity
3.	Composition/Information on ingredients	11.	Toxicity information
4.	First-aid measures	12.	Ecological information
5.	Fire-fighting measures	13.	Disposal considerations
6.	Accidental release measures	14.	Transport information
7.	Handling and storage	15.	Regulatory information
8.	Exposure controls/personal protection	16.	Other information

- Some terminology will change: Examples
 - Chemical will now be Substance
 - Chemical Name will now be Chemical Identity
 - Health Hazard will be broken into
 - Hazard Class (e.g. flammable, corrosive, etc.)
 - Hazard Category Division of the Hazard Class (e.g. acute oral toxicity)
 - Hazard Warning will be changed to:
 - Hazards Statement Describes the nature of the hazard
 - Pictogram A composition intended to convey specific information.

 Labels will have much more information to assist in identifying hazards.

Product identifier;

Signal word;

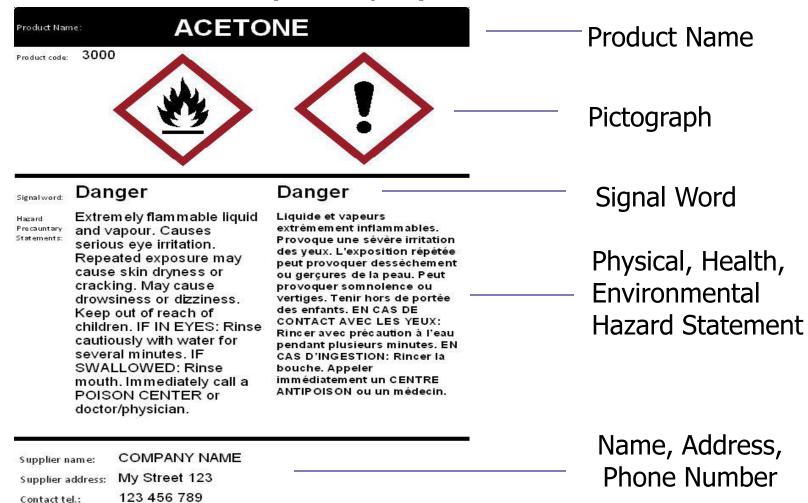
Hazard statement(s);

Pictogram(s);

Precautionary statement(s); and,

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party.

GHS Label (example)



REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER INFORMATION

Pictograms will be standardized.



Corrosive Eye, Skin, Metal



Gas under pressure



Explosive



Flammable



Aquatic toxicity



Acute toxicity



Carcinogen, Respiratory sensitizer, Reproductive toxicity, Mutagen



Oxidizer, Organic peroxide



Acute toxicity (harmful), Skin irritant, Eye irritant, Skin sensitizer

- Use of **Danger** and **Warning**.
 - Danger is used for more sever hazards
 - Warning is used for for less sever hazards
 - Some substances that have lower level hazards will not have a signal word.

Example of what you might see on the actual product.



ToxiFlam (Contains: XYZ)



Danger! Toxic If Swallowed, Flammable Liquid and Vapor

Do not eat, drink or use tobacco when using this product. Wash hands thoroughly after handling. Keep container tightly closed. Keep away from heat/sparks/open flame. - No smoking. Wear protective gloves and eye/face protection. Ground container and receiving equipment. Use explosion-proof electrical equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Store in cool/well-ventilated place.

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth.

In case of fire, use water fog, dry chemical, CO2, or "alcohol" foam.

See Safety Data Sheet for further details regarding safe use of this product.

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